

N I C O {0,0} A N D R U Z Z I

Full-Stack Developer / UX-UI Designer / Electro-Mechanical Engineer

{ SKILLS }

Core

JavaScript
HTML / CSS
jQuery / AJAX
AngularJS
Node.js / Express
PostgreSQL
Raspberry Pi / Arduino
Electrical / Circuit Design
Mechanical / 3D Design

Familiar

React / Flux / Redux
Swift / Objective-C
Java / C# / Python
Ruby / Rails
MongoDB / MySQL

{ TOOLS }

OS X / Linux / Terminal
Git / GitHub
FTP / SSH
SASS / LESS / Stylus
Bootstrap
Jasmine / Mocha
Gulp / Grunt
Webpack / Browserify
NPM / Bower
Heroku / Firebase
WebSockets / Socket.IO
OAuth / Web Tokens

{ TECHNIQUES }

Test Driven Development
Pair Programming
OOP / FP
RESTful Services
Responsive Design
Lean / Agile / Scrum
Rapid Prototyping
Version Control

{ PROJECTS }

The Score Boar ::: (TheScoreBoar.com)

Node.js / Express / AngularJS / Custom API / WebSockets / Raspberry Pis / Electro-Mechanical Components
A robust 'internet of things' project that connects the beloved Galvanize ping-pong table to The Score Boar website. It implements customized circuitry, which is attached to the table via custom designed, laser-cut mounts. A Raspberry Pi controls the circuitry and runs a Node app that communicates with a custom built API. An Angular front-end interface then renders the data from the Express back-end in real time, utilizing Socket.IO.

Night Owl Nico ::: (NightOwlNico.com)

Node.js / Express / AngularJS / PostgreSQL / SASS / Bootstrap / Heroku
A place where I creatively express myself and constantly experiment with different concepts and ideas. Here you can find links to all of my latest projects (and their GitHub repositories) along with more information about myself.

{ EXPERIENCE }

Cognizant Quick Left - Agile Development Program ::: (July 2016 - Aug 2016)

Worked on production code while utilizing Lean/Agile methodologies and advanced GitHub practices

Speaker - BoulderCODE+ ::: (May 14, 2016)

One of four presenters at the BoulderCODE+ Meetup

Main Speaker / Workshop Facilitator - NodeBots ::: (Jan 14, 2016)

Sole presenter at the NodeBots Meetup, followed by running a hands on workshop involving the topics I covered

Lead Project Manager / Electro-Mechanical Engineer - INRange Systems ::: (2013 - 2015)

- Managed three MEs, four EEs, and two plastics specialists from various locations and organizations.
- Utilized the combined knowledge of the design team to bring the second generation of the Electronic Medication Management Assistant (EMMA) from its prototype concept phase through to its production and validation.
- Reduced the BOM's cost by 65% while also increasing product reliability and usability.
- Worked hands-on with the senior production assemblers in testing electrical configurations and mechanical assemblies, while identifying any potential problems as well as preemptive solutions.

CAD Drafter / Intern - INRange Systems ::: (2012 - 2013)

Operated and designed parts for the Fortus 250 (3D Printer) for efficient prototyping and testing

{ EDUCATION }

Universal Mind - UX/UI Course ::: (Mar 2016 - May 2016)

UX & UI Design / Research / Analysis / Synthesis / Wireframing / Prototyping / Adobe CS / Sketch / InVision / Flinto

Galvanize - Full Stack Immersive - MEAN Stack ::: (Nov 2015 - Apr 2016)

Computer Science Fundamentals / 1,000+ Hours of Javascript / Group Collaboration / Hackathons / Meetups

MotorHeads in Germany - Frankfurt / Stuttgart / Munich ::: (2011)

Programmable Logic Controllers / Factory Production / Quality Control / BMW / Mercedes-Benz / John Deere

Penn State - B.S. Electro-Mechanical Engineering ::: (2008 - 2013)

Electrical Engineering / Mechanical Engineering / Robotics / Creative Problem Solving / Teamwork / Leadership

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